AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An imaging apparatus having:

GUI screen image generating means for generating a GUI screen image having graphical user interface means for operating the apparatus and displaying the GUI screen image on image display means;

operating means for operating the GUI screen image displayed on said image display means according to user selections; and

controlling means for controlling the apparatus in accordance with the operation of the GUI screen image by said operating means, characterized by having:

storing means having stored therein hierarchy type main menu information which is capable of setting and operating desired functions by classifying functions settable and operable in said imaging apparatus on the basis of a predetermined category, displaying index information of the classified functions in stages, and selecting the displayed index information in accordance with a selection made by said user;

menu generating means capable of selecting desired index information among the main menu information in said storing means to generate unique menu information; and

menu editing means capable of editing the unique menu information generated by said menu generating means, and characterized in that:

said controlling means controls said GUI screen image generating means on detection of a predetermined operation by said operating means, and

said GUI screen image generating means generates the GUI screen image including the index information for operating the menu editing means in said unique menu information, in accordance with the control by said controlling means, to display the GUI screen image on said image display means.

2. (Original) The imaging apparatus as claimed in claim 1, characterized in that:

said menu editing means has a function of adding the index information to said unique menu information; a function of deleting the index information; a function of rearranging a displayed

position of the index information; and a function of initializing the unique menu information to predetermined menu information.

3. (Original) The imaging apparatus as claimed in claim 1, characterized in that:

said GUI screen image generating means generates a GUI screen image including the index information for operating said main menu information in said unique menu information to display the GUI screen image on said image display means.

4. (Original) The imaging apparatus as claimed in claim 1, characterized in that:

said GUI screen image generating means has a function of adding the unique menu information generated by said menu generating means to the index information of said main menu information.

5. (Original) The imaging apparatus as claimed in claim 1, characterized in that:

said GUI screen image generating means has a function of adding the unique menu information generated by said menu generating means to the index information displayed at an arbitrary hierarchy of said main menu information.

6. (Original) An imaging apparatus having:

GUI screen image generating means for generating a GUI screen image having graphical user interface means for operating the apparatus to display the GUI screen image on image display means;

operating means for operating the GUI screen image displayed on said image display means; and

controlling means for controlling the apparatus in response to the operation of the GUI screen image by said operating means, characterized by having:

storing means having stored therein hierarchy type main menu information which is capable of setting and operating desired functions by classifying functions settable and operable in the imaging apparatus on the basis of a predetermined category, displaying index information of the

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classified functions in stages, and selecting the displayed index information, and list information in which setting items corresponding to the index information are arranged in accordance with a display order of the main menu information and are displayed seamlessly, and characterized in that:

said controlling means controls said GUI screen image generating means on detection of a predetermined operation by said operating means, and

said GUI screen image generating means generates the GUI screen image for displaying setting items corresponding to the index information selected by said operating means from the list information in said storing means in response to the control by said controlling means to display the GUI screen image on said image display means.

7. (Original) The imaging apparatus as claimed in claim 6, characterized in that:
said GUI screen image for displaying the setting item corresponding to said index information has a function of scroll-displaying the setting items in accordance with a layout of said list information.

8. (Original) The imaging apparatus as claimed in claim 6, characterized in that:
said GUI screen image for displaying the setting item corresponding to said index information carries out a graphic display indicative of its boundary in a case where a setting item of adjacent index information in said main menu is displayed.

9. (Original) The imaging apparatus as claimed in claim 6, characterized in that:
said GUI screen image for displaying the setting item corresponding to said index information displays graphic information indicating the index information from which a setting item is able to be selected in a case where setting items of adjacent index information in said main menu is displayed.

10. (Withdrawn) An imaging apparatus having:

GUI screen image generating means for generating a GUI screen image having graphical user interface means for operating the apparatus to display the GUI screen image on image display means;

operating means for operating the GUI screen image displayed on said image display means; and

controlling means for controlling the apparatus in response to the operation of the GUI screen image by said operating means, characterized in that:

said GUI screen image generated by said GUI screen image generating means displays only a graphical user interface for terminating the GUI screen image when the operation by said operating means is not detected by said controlling means, and displays only a graphical user interface for determining the operation when the operation by said operating means is detected by said controlling means.

11. (Withdrawn) An imaging apparatus having:

GUI screen image generating means for generating a GUI screen image having graphical user interface means for operating the apparatus to display the GUI screen image on image display means;

operating means for operating the GUI screen image displayed on said image display means; and

controlling means for controlling the apparatus in response to the operation of the GUI screen image by said operating means, characterized by having:

storing means for storing graphic data obtained by dividing a range of settable/adjustable numeric data into a plurality of ranges, setting intervals based on the divided respective ranges, and changing shapes on the basis of this setting interval, and characterized in that:

said controlling means controls said GUI screen image generating means when detecting a predetermined operation by said operating means, and

said GUI screen image generating means reads out the corresponding graphic data from the graphic data stored in said storing means in accordance with the control by said controlling means,

generates the GUI screen image to set the numeric data in accordance with the read out graphic data to display the GUI screen image on said image display means.

12. (Withdrawn) An imaging apparatus having:

GUI screen image generating means for generating a GUI screen image having graphical user interface means for operating the apparatus to display the GUI screen image on image display means;

operating means for operating the GUI screen image displayed on said image display means; and

controlling means for controlling the apparatus in response to the operation of the GUI screen image by said operating means, characterized by having:

storing means having stored therein graphic data such as characters, figures and the like for representing functions and setting information in said imaging apparatus, table data for defining a priority when the graphic data is displayed on the screen, and layout information of the graphic data, and characterized in that:

said controlling means judges operation states and setting states of the respective sections of the imaging apparatus corresponding to the graphic data in accordance with the priority of said table data on detection of a predetermined operation by said operating means, and selects graphic data to be displayed on the screen image among said graphic data, and

said GUI screen image generating means generates a GUI screen image in which the selected graphic data is arranged on the basis of the layout information in said storing means in accordance with the control by said controlling means to display the GUI screen image on said image display means.

13. (Withdrawn) An imaging apparatus having:

GUI screen image generating means for generating a GUI screen image having graphical user interface means for operating the apparatus to display the GUI screen image on image display means;

operating means for operating the GUI screen image displayed on said image display means; and

controlling means for controlling the apparatus in response to the operation of the GUI screen image by said operating means, characterized in that:

said controlling means controls said GUI screen image generating means on detection of a predetermined operation by said operating means, and

said GUI screen image generating means generates a GUI screen image in accordance with the operation detected by said controlling means to overlap-display the generated GUI screen image on a forefront of said image display means.

14. (Withdrawn) The imaging apparatus as claimed in claim 13, characterized in that:

said GUI screen image generating means generates a message notification screen image based on the operation detected by said controlling means, and overlap-displays the generated message notification screen image on the forefront of said image display means only for a fixed time period.

15. (Withdrawn) The imaging apparatus as claimed in claim 13, characterized in that:

said GUI screen image generating means has a function of changing the respective GUI screen images into different colors and brightness when a plurality of GUI screen images is overlap-displayed.

16. (Withdrawn) An imaging apparatus having:

GUI screen image generating means for generating a GUI screen image having graphical user interface means for operating the apparatus to display the GUI screen image on image display means;

operating means for operating the GUI screen image displayed on said image display means; and

controlling means for controlling the imaging apparatus in response to the operation of the GUI screen image by said operating means, characterized by having:

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folder information obtaining means for obtaining information of a folder in which a plurality of image data recorded in a recording apparatus or a recording medium are classified, arranged, unified, and recorded;

index screen image generating means for generating index image information capable of list-displaying reduced images of the image data within the folder; and

folder information generating means for generating folder list information within the recording apparatus or the recording medium, and characterized in that:

said controlling means controls said folder information obtaining means on detection of a predetermined operation by said operating means,

said folder information obtaining means obtains the information of said folder from said recording apparatus or recording medium in accordance with the control by said controlling means,

said index screen image generating means generates index image information in accordance with the information of the folder obtained by said folder information obtaining means, and

said GUI screen image generating means generates a GUI screen image for selecting and operating the image data within said folder information generating means and said folder on the basis of the index image information generated by said index screen image generating means to display the GUI screen image on said image display means.

17. (Withdrawn) The imaging apparatus as claimed in claim 16, characterized in that:

when said folder information generating means is selected on the GUI screen image generated on the basis of said index image information, said GUI screen image generating means generates a GUI screen image for selecting and altering a desired folder on the basis of the folder list information generated by said folder information generating means to display the GUI screen image on said image display means.

18. (Withdrawn) The imaging apparatus as claimed in claim 17, characterized in that:

said GUI screen image generated on the basis of said folder list information has an image data display section capable of displaying the image data within the selected folder.